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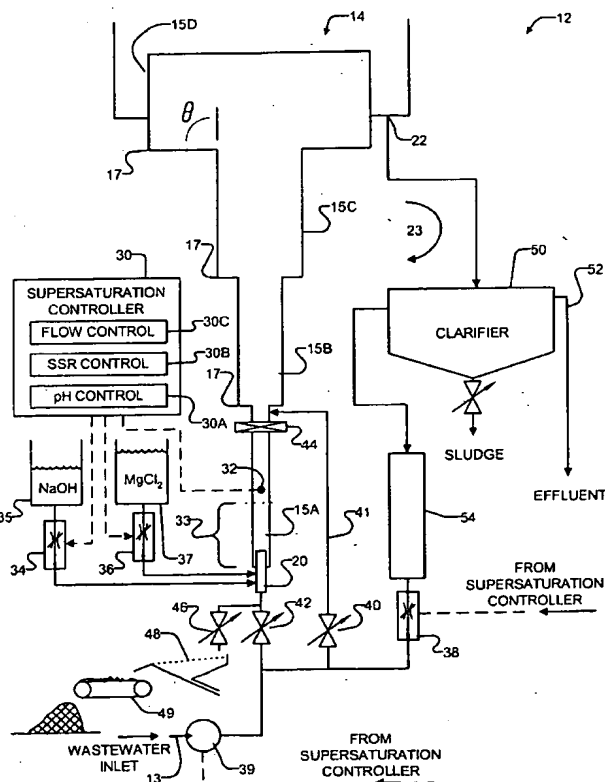
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(54) Title: FLUIDIZED BED WASTEWATER TREATMENT



(57) Abstract: A fluidized bed reactor (14) for removing phosphorus and nitrogen from wastewater has a column comprising a number of sections (15A, 15B, 15C, 15D). The diameter of the column changes stepwise between the sections. A flow velocity in excess of 100 cm/min is maintained in a lowermost one of the sections and lower flow velocities are maintained in subsequent sections. A struvite supersaturation ratio is controlled in part by recycling wastewater from an outlet of the column. Struvite pellets are removed periodically from the bottom of the column.

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